

## **SCIENTIFIC EXHIBITS**

### **Graves' Disease, Diagnosis and Treatment**

FUAD S. ASHKAR, Univ. of Miami School of Medicine, Miami, Fla.

### **Precise Incremental Scintiphotography in Cardiac Disease**

JOHN A. BURDINE, ROSEMARY LEGEAY, TUCKER HARDAWAY, LINDA RIDER AND WILLIAM CARR, Baylor College of Medicine, Houston, Tex.

### **Radionuclide Angiography of Chest Masses in Children**

JAMES J. CONWAY, The Children's Memorial Hospital, Chicago, Ill.

### **Quantitation Transmission Radiography as an Index of Regional Ventilation**

RONALD G. EVENS, MUSTAFA ADATEPE, REX HILL, JOANNE MARKHAM AND E. JAMES POTCHEN, Washington Univ. School of Medicine, St. Louis, Mo.

### **Phantom for $^{99m}$ Tc Brain Scanning**

JOHN U. HIDALGO, GEORGE L. ANDERSON AND MARY M. WOOTEN, Tulane Univ., New Orleans, La.

### **$^{169}$ Yb-DTPA: A Versatile Radiopharmaceutical**

A. EVERETTE JAMES, JR., FAZLE HOSAIN, FRANK H. DELAND AND HENRY N. WAGNER, JR., The Johns Hopkins Medical Institutions, Baltimore, Md.

### **Brain Hemodynamics by Image Intensifier Videocamera**

J. C. KENNADY, W. B. ANDERSON AND M. HAYES, UCLA Laboratory of Nuclear Medicine and Radiation Biology and Harbor General Hospital, Los Angeles, Calif.

### **Superior Venacaval Obstruction and the Collateral Pathways—Demonstration in Scintillation Camera**

G. T. KRISHNAMURTHY AND W. H. BLAHD, Wadsworth VA Hospital, Los Angeles, Calif.

### **Nearly Simultaneous Gamma Emissions of $^{75}$ Se**

WILLIAM H. OLDENDORF, Wadsworth VA Hospital, Los Angeles, Calif.

### **Clinical Application and Miscellaneous Techniques Using the 10-Probe Scanner**

LEONARD A. SWANSON AND ROSS E. POTTER, The Hospital of the Good Samaritan Medical Center, Los Angeles, Calif.

### **Automated Breathing Valve for Improved Regional Ventilation-Perfusion Exams**

EDGAR L. SURPRENANT, CLAYTON H. DOUGLAS, ARCHIE F. WILSON AND L. ROBERT BENNETT, St. Mary's Hospital, Long Beach, Calif. and Univ. of California at Los Angeles, Los Angeles, Calif.

### **U.S. Atomic Energy Commission Technical Information**

U.S. Atomic Energy Commission, Washington, D.C.

### **Quantitating Bone Material Using an External Gamma-Ray Source**

JOHN M. VOGEL, RONALD J. FRIEDMAN AND JERRY T. ANDERSON, U.S. Public Health Service Hospital, San Francisco, Calif.

### **Clinical Use of $^{18}$ F in Bone Scanning**

ANNINA T. VULPETTI, ROMAN A. GASTESI, R. W. TALLEY AND L. E. PREUSS, Henry Ford Hospital, Detroit, Mich.

### **Significance of Unilateral Absence of Pulmonary Arterial Perfusion by Lung Scanning**

ROBERT I. WHITE, A. EVERETTE JAMES, JR. AND HENRY N. WAGNER, JR., The Johns Hopkins Medical Institutions, Baltimore, Md.

### **USC Radiopharmacy Program**

WALTER WOLF, MANUEL TUBIS, CAROL S. MARCUS AND RANDY MANAKA, Univ. of Southern California School of Pharmacy, Los Angeles, Calif.

### **Photographic Technique for Color Processing Dual-Radioisotopic Scintigraphy**

LOUIS S. ZEIGER, GERALD L. SCHALL AND GIOVANNI DICHIRO, National Institutes of Health, Bethesda, Md.